

ABSTRACT

A portal server presents an HTML page that comprises a plurality of modules. Each module represents a network resource that can be accessed by a user through the portal. The portal server includes an administration interface that enables an administrator to select from various layout styles. A variety of modifications can be done to the portal without requiring programming skills.

An updateable subsystem class is configured to instantiate an update subsystem object. The update subsystem object is operable to select an updated implementation of module from a set of update servers. An appropriate update server is selected from a set of update servers based on host identification information of a site hosting the portal including the module.